



**Marathon
Petroleum Company**

RR 811
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OFFICE OF THE DIRECTOR

JUL 26 1982

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July 22, 1982

Mr. Richard Carlson
Illinois Environmental Protection Agency
2200 Churchill Road
Springfield, IL 62706

2nd gtr
EPA Region 5 Records Ctr.



375294

Dear Mr. Carlson:

In compliance with RCRA regulations, please be advised that the following measurement was obtained on a ground water sample from Well #B-2, which was drawn on May 10, 1982, at Marathon Petroleum Company's Robinson, Illinois Refinery (USEPA ID No. ILD005476882, IL State ID No. 0330250003G).

Well #B-2 Marathon Lab Results

Nitrates

27 mg/l

Well #B-2 is hydraulically upgradient of our land farm as shown on the attached map. This well is immediately adjacent to farmland to which nitrogen fertilizers are applied annually. The fertilizers are probably responsible for the high nitrate measurement. All other ground water samples taken on May 10 were within the Interim Primary Drinking Water standards.

Since the Illinois EPA has been granted interim status authority under RCRA, this and all future ground water monitoring reports will be sent to the Illinois EPA unless otherwise instructed.

Yours truly,

L. M. Echelberger

L. M. Echelberger
Environmental Coordinator

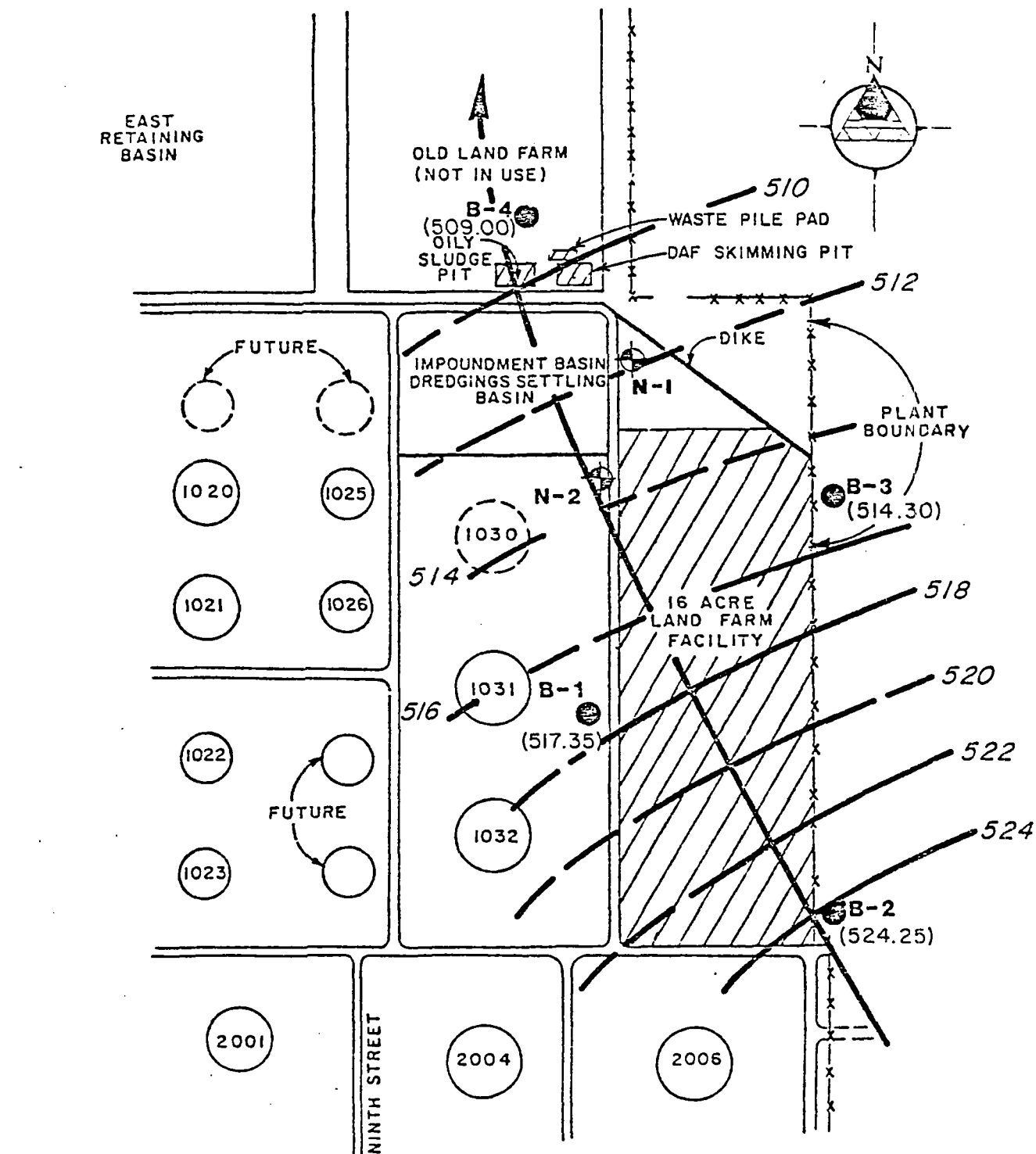
LME:lmw

Attachment

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0814-024-07



- KEY:**
- B-1** (circle with dot) EXISTING PIEZOMETER LOCATIONS
 - (517.35)** GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
 - N-1** (circle with cross) NEW PIEZOMETER LOCATIONS
 - EQUIPOTENTIAL LINE (CONTOUR OF EQUAL HYDRAULIC HEAD) (DASHED WHERE APPROXIMATE)
 - FLOW LINE; INDICATES DIRECTION OF GROUND WATER FLOW
 - [Hatched Box]** LAND BASED HAZARDOUS WASTE MANAGEMENT FACILITY

FIGURE 2

POTENTIOMETRIC SURFACE MAP
ROBINSON REFINERY
MARATHON OIL COMPANY
Dames & Moore